

Interns Saving Money and the Environment; The UNH/DES P2 Internship Program

Pollution prevention interns can save your facility thousands of dollars and reduce the generation of waste, emissions, and wastewater discharges in a matter of weeks. For as little as \$6,500, a facility can hire a UNH/DES trained chemical engineering student for 10 weeks over the summer.

During the summer of 2007, six interns were placed at manufacturing facilities around New England. These interns implemented pollution prevention strategies that resulted in measurable reductions and savings at their sponsored facility.

- Energy efficiency projects resulted in 142,792,940 kBtu/year reduction, which translates to 2,437 metric tons CO₂/year not emitted and over \$300,000 saved per year for seven New England towns.
- Rubber scrap recycling removed 67 tons/year from landfills and saved \$10,500 per year.
- Cardboard recycling program yielded an 85 percent increase, which resulted in a savings of \$19,000 and a total of 140 tons of materials removed from the waste stream.

- Evaporator residue was reduced by two-thirds through the addition of a filtration system that removed 86,648 pounds of residue/year and saved the company \$23,150/year.

For more information on the UNH/DES P2 Internship Program, contact Dr. Ihab Farag, UNH, at (603)862-2313 or e-mail at ihab.farag@unh.edu.

Announcing Call for Entries: Governor's Award for Pollution Prevention:

The N.H. Pollution Prevention Program is accepting applications for the 14th Annual Governor's Award for Pollution Prevention until June 6, 2008. Pollution prevention (P2) means the use of materials, processes, or practices that reduce or eliminate the creation of pollutants or wastes at the source, or minimize their release into the environment prior to recycling, treatment, or disposal. The N.H. Governor's Award for Pollution Prevention recognizes businesses and organizations that have made an outstanding effort to prevent pollution.

Winners will receive a hand-cut, state of New Hampshire granite trophy from Governor Lynch, and public recognition in press releases and trade papers. Awards will be presented to the winners in the fall of 2008.

The 2007 Governor's Award winners were New Hampshire Ball Bearings Astro Division of Laconia and Public Service of New Hampshire Northern Wood Power Project at Schiller Station. Honorable mentions were given to Monadnock Paper Mills in Bennington, New Hampshire Adjutant General's Department, Ripano Stoneworks Limited in Nashua, and Southeastern Container Incorporated in Hudson. Collectively, these companies saved \$1,697,000, reduced energy usage by 11 million kilo-



2007 UNH/DES interns.

watt hours, conserved 5.4 million gallons of water, and removed 153,126 tons of raw materials from the process flow.

For an application or for more information, visit online at www.des.nh.gov/nhppp, or contact us at 1-800-273-9469 or nhppp@des.nh.gov.

Mercury disposal update

As of January 1, 2008, the disposal of mercury-containing products at landfills, transfer stations, and incinerators is prohibited. This means these items may not be disposed of as a solid waste with the "normal" garbage. This ban includes, but is not limited to, thermometers, all fluorescent lamps, thermostats, mercury button cell batteries, switches and relays.

Homeowners and businesses alike are subject to this ban. Homeowner legal disposal options include: collection and recycling at municipal facilities, household hazardous waste collection events, participating TrueValue and Ace Hardware fluorescent lamps recycling stores, and municipal and commercial thermostat recycling locations. Businesses must manage these wastes as hazardous or universal depending on the item. We encourage consumers to bring these items to their local facility for recycling along with their other recyclables.

If your transfer station does not offer recycling as an option, please contact Paul Lockwood at (603) 271-2956 or paul.lockwood@des.nh.gov.

Websites with further information on mercury:

Common Mercury-added Products:

www.des.nh.gov/nhppp/Mercury/HgProducts.asp

HHW schedule: www.des.nh.gov/HHW/

True Value: www.des.nh.gov/nhppp/Mercury/default.asp?link=lamp

Thermostat Recycling Program: www.des.nh.gov/nhppp/trc.htm



Various shapes of fluorescent bulbs.

"Local Actions, Global Results" National Environmental Partnership Summit 2008 May 19-22, 2008 Baltimore, Md.

The National Environmental Partnership Summit is an interdisciplinary gathering of environmental professionals and assistance providers from diverse sectors all over the country and world. This year's theme, "Accelerating Environmental Performance: Pathways to Action," reflects on the summit's commitment to provide concrete examples of environmental leadership. Throughout the week, a variety of business and government programs that have taken the environmental lead will be showcased, which can show how your business or program can do the same. The 2008 summit will provide examples of environmental leadership that will inspire you to take action.

Environmental professionals from business, academia, nongovernmental organizations, and government who want to learn how to put environmental stewardship into action should plan on attending.

For more information, visit www.environmentalsummit.org.



N.H. Department of Environmental Services
Pollution Prevention Program
PO Box 95
Concord, NH 03302-0095

8707

PRSRT STD
U.S. Postage
PAID
Concord, NH
Permit No. 1478

e-WasteLines

Practice P2, sign up to receive *WasteLines* electronically at www.des.nh.gov/enews.